LEVEL news

Great Lakes - St. Lawrence River Water Levels

PDF Format

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Water Levels for the Great Lakes and Montreal Harbour *a monthly bulletin from Canadian Hydrographic Service*

About the monthly Water Level bulletin

April Precipitation Over the Great Lakes

As a percentage of the long-term April average:

Great Lakes Basin 88%

Lake Erie (including Lake St. Clair) 64%

Lake Superior 100%

Lakes Michigan-Huron 81%

Lake Ontario 123%

Note: These figures are preliminary.

April Outflows From

Volume 12, Number 5 May 8, 2004

Daily Levels reach Chart Datum on Lakes Superior and Michigan-Huron

Monthly mean water levels increased on each of the Great Lakes from March to April as they continue their annual seasonal rises. Water levels increased a bit more than average on Lake Superior, by average amounts on lakes Michigan-Huron and Erie, and a few centimetres less than average on lakes St. Clair and Ontario.

Although their monthly mean levels for April remained below Chart Datum, daily water levels on both lakes Superior and Michigan-Huron reached Chart Datum during the month. Last year, daily levels on Lakes Michigan-Huron did not reach Chart Datum until mid-June.

So far this year, daily water levels have increased more than average on lakes Superior, Michigan-Huron and Erie thanks in a large part to an early snowmelt. Water levels are expected to continue to rise during May. If you would like to track water levels as they change over the month, please visit: http://www.on.ec.gc.ca/water/levels/intro.html and choose from the selection of links provided under the "Current and recent water level data" heading.

Great Lakes Water Level Information

	April Monthly Mean Level		Beginning of May Level	
Lake	Compared to Monthly Average (1918-2002)	Compared to One Year Ago	Compared to Beginning-of-Month Average (1918-2002)	Compared to One Year Ago
Superior	15 cm below	5 cm above	13 cm below	7 cm above
Michigan-Huron	44 cm below	16 cm above	43 cm below	17 cm above
St. Clair	21 cm below	13 cm above	21 cm below	12 cm above
Erie	10 cm below	15 cm above	13 cm below	14 cm above
Ontario	2 cm above	16 cm above	1 cm above	15 cm above

the Great Lakes

As a percentage of the long-term April average:

Lake Superior	93%
Lake Erie	100%
Lake Huron	87%
Lake Ontario	102%

Note: These figures are preliminary.

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Summary information for "LEVEL*news*"

Be Up-to-date

Recreational boaters on the Great Lakes, their connecting channels and St. Lawrence River should keep informed of current conditions before setting out. Be sure you have up-to-date navigation charts and know how water levels compare to Chart Datum whenever and wherever you cruise or sail.

Present water levels on the Great Lakes and upper St. Lawrence River are available by telephone from a network of gauging stations operated by the Canadian Hydrographic Service (CHS). When one of these gauging stations is called, the caller will be asked to press 1 on the touch-tone telephone for English or 2 for French. If a touch-tone phone is not used, the message in English will start after a few seconds and the message in French will follow. The message gives the present water level in metres above chart datum at that station, followed by the high and low water levels recorded during the previous 12 hours. The height of the presently adopted chart datum for that station is then given in metres above International Great Lakes Datum 1985 (IGLD 1985). Pressing 1 or 2 at any time during the message will restart the announcement from the beginning and pressing 0 at any time will end the call.

Lake Superior	at Thunder Bay	(807) 344-3141
	at Rossport	(807) 824-2250
	at Michipicoten	(705) 856-0077
	at Gros Cap	(705) 779-2052
St. Marys River	above the lock	(705) 949-2066
	below the lock	(705) 254-7989
North Channel	at Thessalon	(705) 842-2215
	at Little Current	(705) 368-3695
Georgian Bay	at Parry Sound	(705) 746-6544
	at Collingwood	(705) 445-8737
Lake Huron	at Tobermory	(519) 596-2085
	at Goderich	(519) 524-8058
St. Clair River	at Point Edward	(519) 344-0263
	at Port Lambton	(519) 677-4092
Lake St. Clair	at Belle River	(519) 728-2882
Detroit River	at Amherstburg	(519) 736-4357
Lake Erie	at Bar Point	(519) 736-7488
	at Kingsville	(519) 733-4417
	at Erieau	(519) 676-1915
	at Port Stanley	(519) 782-3866
	at Port Dover	(519) 583-2259
	at Port Colborne	(905) 835-2501
Lake Ontario	at Port Weller	(905) 646-9568

	at Burlington	(905) 544-5610
	at Toronto	(416) 868-6026
	at Cobourg	(905) 372-6214
	at Kingston	(613) 544-9264
St. Lawrence River	at Brockville	(613) 345-0095
	at Iroquois above lock	(613) 652-4426
	at Iroquois below lock	(613) 652-4839
	at Morrisburg	(613) 543-3361
	at Cornwall	(613) 930-9373
	at Summerstown	(613) 931-2089

Please contact CHS at (905) 336-4844 (during office hours 08:00 to 16:00) or by fax at (905) 336-8916 or by e-mail to CATCWL@dfo-mpo.gc.ca to report any problems.

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Webmaster
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URL: http://www.on.ec.gc.ca/water/level-news/ln200405_e.html